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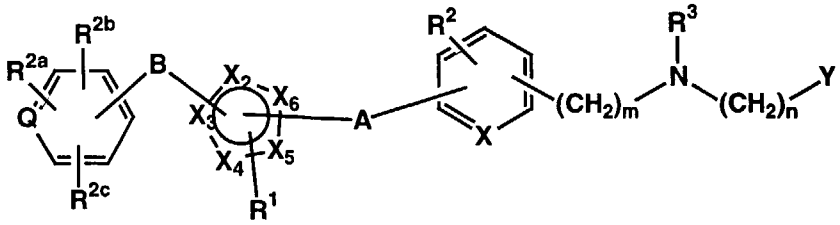
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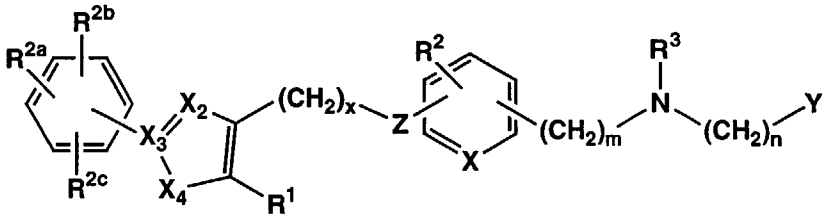
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(54) Title: SUBSTITUTED HETEROCYCLIC DERIVATIVES USEFUL AS ANTIDIABETIC AND ANTIOBESITY AGENTS AND METHOD



(I)



(II)

(57) Abstract: Compounds are provided which are useful as antidiabetic agents and antiobesity agents and have the structure (I) wherein m is 0, 1 or 2; n is 0, 1 or 2; Q is C or N; A is $(CH_2)x$ where x is 1 to 5, or A is $(CH_2)x1$ where x^1 is 1 to 5 with an alkenyl bond or an alkynyl bond embedded anywhere in the chain, or A is $-(CH_2)x^2-O-(CH_2)x^3-$ where x^2 is 0 to 5 and x^3 is 0 to 5, provided that at least one of x^2 and x^3 is other than 0; B is a bond or is $(CH_2)x^4$ where x^4 is 1 to 5; X is CH or N; X_2 is C, N, O or S; X_3 is C, N, O or S; X_4 is C, N, O or S; X_5 is C, N, O or S; X_6 is C, N, O or S; provided that at least one of X_2, X_3, X_4 X_5 and X_6 is N; and at least one of X_2, X_3, X_4, X_5 and X_6 is C, and specifically excluding the structure (II) where X_2 = N, X_3 = C, X_4 = O or S, Z = o or a bond; R^1 is H or alkyl; R^2 is H, alkyl, alkoxy, halogen, amino or substituted amino or cyano; R^{2a}, R^{2b} and R^{2c} may be the same or different and are selected from H, alkyl, alkoxy, halogen, amino or substituted amino or cyano; and R^3 and Y are as defined herein, which compounds are useful in treating diabetes and obesity.

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